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00-505-I

Serial No.

10/098,243

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
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Applicant:

Progulske-Fox, et al.

Filing Date:

March 6, 2002

Group:

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
mg	9	8 3 0 9 1 0	7/16/98	PCT				
.	9	9 0 5 2 9 3	2/4/99	PCT				
.	9	8 4 6 7 3 8	10/22/98	PCT				
✓	9	9 3 2 6 3 3	7/1/99	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	1	Ebersole, et al., "An ELISA for Measuring Serum Antibodies to <i>Actinobacillus Actinomycetemcomitans</i> ", <i>Journal of Periodontal Research</i> , Vol. 15, pp. 621-632, 1980
	2	Tsai, et al., "Serum Neutralizing Activity Against <i>Actinobacillus Actinomycetemcomitans</i> Leukotoxin in Juvenile Periodontitis", <i>Journal of Clinical Periodontology</i> , Vol. 8, pp. 338-348, 1981
	3	Slots, et al., "Selective Medium for Isolation of <i>Actinobacillus Actinomycetemcomitans</i> ", <i>Journal of Clinical Microbiology</i> , Vol. 15, No. 4, pp. 606-609, 1982
	4	Ebersole, et al., "Human Immune Responses to Oral Microorganisms. II. Serum Antibody Responses to Antigens from <i>Actinobacillus Actinomycetemcomitans</i> and the Correlation with Localized Juvenile Periodontitis", <i>Journal of Clinical Immunology</i> , Vol. 3, No. 4, pp. 321-331, 1983



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5	Brady, et al., "Two Novel Antigens Associated with Group B Streptococci Identified by a Rapid Two-Stage Radioimmunoassay", <i>The Journal of Infectious Diseases</i> , Vol. 158, No. 5, pp. 965-972, 1988
6	Chanyangam, et al., "Contribution of a 28-Kilodalton Membrane Protein to the Virulence of <i>Haemophilus influenzae</i> ", <i>Infection and Immunity</i> , Vol. 59, No. 2, pp. 600-608, 1991
7	Mekalanos, "Environmental Signals Controlling Expression of Virulence Determinants in Bacteria", <i>Journal of Bacteriology</i> , Vol. 174, No. 1, pp. 1-7, 1992
8	Mahan, et al., "Selection of Bacterial Virulence Genes that are Specifically Induced in Host Tissues", <i>Science</i> , Vol. 259, pp. 686-688, 1993
9	Li, et al., "A New Gene Involved in Stationary-Phase Survival Located at 59 Minutes on the <i>Escherichia coli</i> Chromosome", <i>Journal of Bacteriology</i> , Vol. 176, No. 19, pp. 6015-6022, 1994
10	Fleischmann, et al., "Whole-Genome Random Sequencing and Assembly of <i>Haemophilus influenzae</i> Rd", <i>Science</i> , Vol. 269, pp. 496-512, 1995
11	Haubek, et al., "Highly Toxic Clone of <i>Actinobacillus Actinomycetemcomitans</i> in Geographically Widespread Cases of Juvenile Periodontitis in Adolescents of African Origin", <i>Journal of Clinical Microbiology</i> , Vol. 34, No. 6, pp. 1576-1578, 1996
12	Valdivia, et al., "Fluorescence-Based Isolation of Bacterial Genes Expressed within Host Cells", <i>Science</i> , Vol. 277, pp. 2007-2011, 1997
13	Yoshida, et al., "Identification of a Genetic Locus Essential for Serotype b-Specific Antigen Synthesis in <i>Actinobacillus Actinomycetemcomitans</i> ", <i>Infection and Immunity</i> , Vol. 66, No. 1, pp. 107-114, 1998
14	Heitloff, et al., "Dissecting the Biology of a Pathogen During Infection", <i>Trends Microbiology</i> , Vol. 5, pp. 509-513, 1997
15	Smith, "What happens to Bacterial Pathogens in vivo?", <i>Trends in Microbiology</i> , Vol. 6, No. 6 pp. 239-243, 1998
16	Handfield, et al., "Strategies for Isolation of in vivo Expressed Genes from Bacteria", <i>FEMS Microbiol. Rev.</i> , pp. 69-91, 1999
17	Chiang, et al., "In vivo Genetic Analysis of Bacterial Virulence", <i>Annu. Rev. Microbiol.</i> , Vol. 53, pp. 129-54, 1999
18	Slots, et al., "Actinobacillus Actinomycetemcomitans and Porphyromonas Gingivalis in Human Periodontal Disease: Occurrence and Treatment", <i>Periodontology 2000</i> , Vol. 20, pp. 82-121, 1999
19	Kinane, et al., "Humoral Immune Response to <i>Actinobacillus Actinomycetemcomitans</i> and <i>Porphyromonas Gingivalis</i> in Periodontal Disease", <i>Periodontology 2000</i> , Vol. 20, pp. 289-340, 1999
20	Hautefort, et al., "Measurement of Bacterial Gene Expression in vivo", <i>Phil. Trans. R. Soc. London B</i> , Vol. 355, pp. 601-611 2000
21	Suk, et al., "Borrelia burgdorferi genes selectively expressed in the infected host", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 4269-4273, 1995
22	Handfield, et al., "Strategies for isolation of in vivo expressed genes from bacteria", <i>FEMS Microbiology Reviews</i> , 23, pp. 69-91, 1999
23	PCT International Search Report for PCT/US00/21340

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

<i>My</i>	1.	PCT International Search Report for PCT/US03/06768, mailed Aug. 13, 2003
	2.	Suk et al., <i>Borrelia burgdorferi</i> genes selectively expressed in the infected host. Proc. Natl. Acad. Sci. USA May 1995, Vol. 95:4269-4273.
	3.	Lai et al. Identification of genes induced in vivo during <i>Klebsiella pneumoniae</i> CG43 infection. Infection and Immunity. Nov. 2001. Vol. 69 (11), p. 7140-7145.

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